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DATE: Friday, December 19, 2003

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<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L1	enzyme or lipase or esterase or protease or nitrilase or oxynitrilase or amidase or acylase or biocatalyst	2732
<input type="checkbox"/>	L2	L1 with aggregate	8
<input type="checkbox"/>	L3	precipitating agent or sulfate or sulphate or \$4ethyleneglycol or \$4ethylene glycol or butylalcohol or butyl alcohol	6156
<input type="checkbox"/>	L4	dialdehyde or glutaraldehyde or glyoxal or pentadione or hexadione	404
<input type="checkbox"/>	L5	diamino\$6 or amino\$6 or \$4amine or spermidin	9881
<input type="checkbox"/>	L6	L1 with L3	102
<input type="checkbox"/>	L7	L4 same L5	112
<input type="checkbox"/>	L8	L6 and L7	4
<input type="checkbox"/>	L9	L8 and L2	
<input type="checkbox"/>	L10	enzyme or lipase or esterase or protease or nitrilase or oxynitrilase or amidase or acylase or biocatalyst	2732
<input type="checkbox"/>	L11	L10 with aggregate	8
<input type="checkbox"/>	L12	precipitating agent or sulfate or sulphate or \$4ethyleneglycol or \$4ethylene glycol or butylalcohol or butyl alcohol	6156
<input type="checkbox"/>	L13	dialdehyde or glutaraldehyde or glyoxal or pentadione or hexadione	404
<input type="checkbox"/>	L14	diamino\$6 or amino\$6 or \$4amine or spermidin	9881
<input type="checkbox"/>	L15	L10 with L12	102
<input type="checkbox"/>	L16	L13 same L14	112
<input type="checkbox"/>	L17	L15 and L16	4
<input type="checkbox"/>	L18	L17 and L11	
<input type="checkbox"/>	L19	156496	
<input type="checkbox"/>	L20	L19 and (cell or enzyme)	
<input type="checkbox"/>	L21	L20 and glutaraldehyde	
<input type="checkbox"/>	L22	l6 same l4	
<input type="checkbox"/>	L23	L22 and immobiliz\$6	

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Search Results - Record(s) 1 through 37 of 37 returned.

1. Document ID: US 20030133955 A1

L24: Entry 1 of 37

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030133955

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030133955 A1

TITLE: Methods and compositions useful for administration of chemotherapeutic agents

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Desai, Neil P.	Los Angeles	CA	US	
Soon-Shiong, Patrick	Los Angeles	CA	US	

US-CL-CURRENT: 424/400; 514/167, 514/449, 514/458, 514/682, 514/750

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Desc](#) [Image](#)

2. Document ID: US 20030124633 A1

L24: Entry 2 of 37

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124633

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124633 A1

TITLE: Diagnostic methods

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kleimola, Vesa	Turku		FI	
Eerola, Erkki	Turku		FI	
Viander, Markku	Turku		FI	

US-CL-CURRENT: 435/7.32

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Desc](#) [Image](#)

3. Document ID: US 20030073642 A1

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L24: Entry 3 of 37

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073642

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030073642 A1

TITLE: Methods and formulations for delivery of pharmacologically active agents

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Desai, Neil P.	Los Angeles	CA	US	
Soon-Shiong, Patrick	Los Angeles	CA	US	

US-CL-CURRENT: 514/21; 514/449[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 4. Document ID: US 20020192766 A1

L24: Entry 4 of 37

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192766

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020192766 A1

TITLE: Esterase free enzymes

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Reichert, Arno	Innsbruck		AT	
Riethorst, Waander	Breitenbach a. Inn		AT	
Knauseder, Franz	Kirchbichl		AT	
Palma, Norbert	Breitenbach a. Inn		AT	

US-CL-CURRENT: 435/71.1; 435/184, 435/47[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#) 5. Document ID: US 20020062019 A1

L24: Entry 5 of 37

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020062019

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020062019 A1

TITLE: Glycosaminoglycans derived from K5 polysaccharide having high anticoagulant and antithrombotic activities and process for their preparation

PUBLICATION-DATE: May 23, 2002

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INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Oreste, Pasqua	Milano		IT	
Zoppetti, Giorgio	Milano		IT	

US-CL-CURRENT: 536/54; 435/101

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

 6. Document ID: US 6506405 B1

L24: Entry 6 of 37

File: USPT

Jan 14, 2003

US-PAT-NO: 6506405

DOCUMENT-IDENTIFIER: US 6506405 B1

** See image for Certificate of Correction **

TITLE: Methods and formulations of cremophor-free taxanes

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Desai; Neil P.	Los Angeles	CA		
Soon-Shiong; Patrick	Los Angeles	CA		

US-CL-CURRENT: 424/450; 424/422, 424/426, 424/428, 424/455, 424/481, 424/491, 424/497

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

 7. Document ID: US 6465227 B1

L24: Entry 7 of 37

File: USPT

Oct 15, 2002

US-PAT-NO: 6465227

DOCUMENT-IDENTIFIER: US 6465227 B1

** See image for Certificate of Correction **

TITLE: Spherical particles containing microorganism cells having enzyme activity

DATE-ISSUED: October 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reichert; Arno	Innsbruck			AT
Riethorst; Waander	Breitenbach a. Inn			AT
Knauseder; Franz	Kirchbichl			AT
Palma; Norbert	Breitenbach a. Inn			AT

US-CL-CURRENT: 435/180; 435/174, 435/177, 435/182

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

8. Document ID: US 6096331 A

L24: Entry 8 of 37

File: USPT

Aug 1, 2000

US-PAT-NO: 6096331

DOCUMENT-IDENTIFIER: US 6096331 A

TITLE: Methods and compositions useful for administration of chemotherapeutic agents

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Desai; Neil P.	Los Angeles	CA		
Soon-Shiong; Patrick	Los Angeles	CA		

US-CL-CURRENT: 424/422; 424/426, 424/428, 424/455, 424/489

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMPC	Draw Desc	Image
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 9. Document ID: US 5900364 A

L24: Entry 9 of 37

File: USPT

May 4, 1999

US-PAT-NO: 5900364

DOCUMENT-IDENTIFIER: US 5900364 A

TITLE: Cross-linked glucose isomerase

DATE-ISSUED: May 4, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Visuri; Kalevi	Kantvik			FI

US-CL-CURRENT: 435/94; 435/174, 435/234

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMPC	Draw Desc	Image
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 10. Document ID: US 5846753 A

L24: Entry 10 of 37

File: USPT

Dec 8, 1998

US-PAT-NO: 5846753

DOCUMENT-IDENTIFIER: US 5846753 A

TITLE: Chemiluminescence-based method for rapid and sensitive in-situ detection of organophosphorus compounds and metal ions

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
h e b	b g e e e f	e g hc	ef	b e

h e b b g e e e f

e g hc ef

b e

Akkara; Joseph A.	Holliston	MA
Kaplan; David L.	Stow	MA
Ayyagari; Madhu S. R.	Brighton	MA
Marx; Kenneth A.	Francestown	MA
Kamtekar; Sanjay	Lowell	MA
Pande; Rajiv	Lowell	MA
Tripathy; Sukant K.	Acton	MA
Kumar; Jayant	Westford	MA

US-CL-CURRENT: 435/18, 435/19, 435/21, 549/222, 549/332

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11. Document ID: US 5824522 A

L24: Entry 11 of 37

File: USPT

Oct 20, 1998

US-PAT-NO: 5824522

DOCUMENT-IDENTIFIER: US 5824522 A

TITLE: Recombinant decarbamylases for producing D-.alpha.-amino acids

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikenaka; Yasuhiro	Akashi			JP
Nanba; Hirokazu	Takasago			JP
Takano; Masayuki	Akashi			JP
Yajima; Kazuyoshi	Kobe			JP
Yamada; Yukio	Kakogawa			JP
Takahashi; Satomi	Kobe			JP
Okubo; Kazuma	Kakogawa			JP
Yamada; Kazuhiko	Akashi			JP
Hiraishi; Yoshiro	Himeji			JP

US-CL-CURRENT: 435/106, 435/174, 435/176, 435/178, 435/180, 435/195, 435/227, 435/228,
435/252.3, 435/252.33, 435/252.34, 435/320.1, 435/69.1, 435/71.2, 435/849, 435/874

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Advanced Search](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

12. Document ID: US 5811280 A

L24: Entry 12 of 37

File: USPT

Sep 22, 1998

US-PAT-NO: 5811280

DOCUMENT-IDENTIFIER: US 5811280 A

TITLE: Cross-linked glucose isomerase

DATE-ISSUED: September 22, 1998

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INVENTOR-INFORMATION:

NAME Visuri; Kalevi	CITY Kantvik	STATE	ZIP CODE	COUNTRY FI
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US-CL-CURRENT: 435/234; 435/174, 435/94

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	KIMC	Drawn Desc	Image
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 13. Document ID: US 5783214 A

L24: Entry 13 of 37

File: USPT

Jul 21, 1998

US-PAT-NO: 5783214

DOCUMENT-IDENTIFIER: US 5783214 A

TITLE: Bio-erodible matrix for the controlled release of medicinals

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

NAME Royer; Garfield P.	CITY Cashtown	STATE PA	ZIP CODE	COUNTRY
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US-CL-CURRENT: 424/499; 424/422, 424/423, 424/425, 424/426, 424/451, 424/457, 424/464,
424/468, 424/484, 424/488, 424/489, 424/490, 424/491, 424/492, 424/493

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	KIMC	Drawn Desc	Image
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 14. Document ID: US 5665383 A

L24: Entry 14 of 37

File: USPT

Sep 9, 1997

US-PAT-NO: 5665383

DOCUMENT-IDENTIFIER: US 5665383 A

TITLE: Methods for the preparation of immunostimulating agents for in vivo delivery

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME Grinstaff; Mark W.	CITY Pasadena	STATE CA	ZIP CODE	COUNTRY
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champagne	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champagne	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: 424/450; 424/451, 424/465, 424/489

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	KIMC	Drawn Desc	Image
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15. Document ID: US 5665382 A

L24: Entry 15 of 37

File: USPT

Sep 9, 1997

US-PAT-NO: 5665382

DOCUMENT-IDENTIFIER: US 5665382 A

TITLE: Methods for the preparation of pharmaceutically active agents for in vivo delivery

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grinstaff; Mark W.	Pasadena	CA		
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champaign	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champaign	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: 424/450; 424/488, 424/9.1[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Drawings](#) [Abstracts](#) [Claims](#) [KWC](#) [Draw Desc](#) [Image](#) 16. Document ID: US 5650156 A

L24: Entry 16 of 37

File: USPT

Jul 22, 1997

US-PAT-NO: 5650156

DOCUMENT-IDENTIFIER: US 5650156 A

TITLE: Methods for in vivo delivery of nutriceuticals and compositions useful therefor

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grinstaff; Mark W.	Pasadena	CA		
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champagne	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champagne	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: 424/400; 424/450, 424/451, 424/56, 424/9.3, 424/9.4, 424/9.5[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Drawings](#) [Abstracts](#) [Claims](#) [KWC](#) [Draw Desc](#) [Image](#) 17. Document ID: US 5639473 A

L24: Entry 17 of 37

File: USPT

Jun 17, 1997

US-PAT-NO: 5639473

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DOCUMENT-IDENTIFIER: US 5639473 A

TITLE: Methods for the preparation of nucleic acids for in vivo delivery

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grinstaff; Mark W.	Pasadena	CA		
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champaign	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champaign	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: 424/450; 424/482, 424/486, 424/488, 424/9.51

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Drawn](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

 18. Document ID: US 5635207 A

L24: Entry 18 of 37

File: USPT

Jun 3, 1997

US-PAT-NO: 5635207

DOCUMENT-IDENTIFIER: US 5635207 A

TITLE: Methods for the preparation of blood substitutes for in vivo delivery

DATE-ISSUED: June 3, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grinstaff; Mark W.	Pasadena	CA		
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champaign	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champaign	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: 424/450; 424/1.17, 424/489

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Drawn](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

 19. Document ID: US 5498421 A

L24: Entry 19 of 37

File: USPT

Mar 12, 1996

US-PAT-NO: 5498421

DOCUMENT-IDENTIFIER: US 5498421 A

TITLE: Composition useful for in vivo delivery of biologics and methods employing same

DATE-ISSUED: March 12, 1996

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INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grinstaff; Mark W.	Pasadena	CA		
Soon-Shiong; Patrick	Los Angeles	CA		
Wong; Michael	Champaign	IL		
Sandford; Paul A.	Los Angeles	CA		
Suslick; Kenneth S.	Champaign	IL		
Desai; Neil P.	Los Angeles	CA		

US-CL-CURRENT: [424/450](#); [424/451](#), [424/455](#), [424/9.3](#), [424/9.34](#), [424/9.37](#), [424/9.4](#), [424/9.5](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Description](#) | [Abstract](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

20. Document ID: US 5437993 A

L24: Entry 20 of 37

File: USPT

Aug 1, 1995

US-PAT-NO: 5437993

DOCUMENT-IDENTIFIER: US 5437993 A

TITLE: Preparation of cross-linked glucose isomerase crystals

DATE-ISSUED: August 1, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Visuri; Kalevi	Kantvik			FI

US-CL-CURRENT: [435/234](#); [435/174](#), [435/94](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Description](#) | [Abstract](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

21. Document ID: US 5356757 A

L24: Entry 21 of 37

File: USPT

Oct 18, 1994

US-PAT-NO: 5356757

DOCUMENT-IDENTIFIER: US 5356757 A

TITLE: Immobilized enzyme film, protein immobilized film and process for forming the same

DATE-ISSUED: October 18, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shionoya; Kiseko	Tokyo			JP
Saito; Atsushi	Tokyo			JP

US-CL-CURRENT: [430/315](#); [435/177](#), [435/287.9](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Description](#) | [Abstract](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

22. Document ID: US RE34394 E

L24: Entry 22 of 37

File: USPT

Sep 28, 1993

US-PAT-NO: RE34394

DOCUMENT-IDENTIFIER: US RE34394 E

TITLE: Method and composition for double receptor, specific binding assays

DATE-ISSUED: September 28, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bunting; James R.	Washington	DC		

US-CL-CURRENT: 436/500; 435/5, 435/7.1, 435/7.92, 435/7.94, 436/501, 436/503, 436/505,
436/518, 436/531, 436/544, 436/545, 436/546, 436/800, 436/810, 436/815, 436/820, 436/822,
436/823, 436/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Specification	Claims	KMPC	Draw Desc	Image
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 23. Document ID: US 5120650 A

L24: Entry 23 of 37

File: USPT

Jun 9, 1992

US-PAT-NO: 5120650

DOCUMENT-IDENTIFIER: US 5120650 A

TITLE: Method for producing crystalline glucose isomerase

DATE-ISSUED: June 9, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Visuri; Kalevi	Kantvik			FI

US-CL-CURRENT: 435/176; 435/179, 435/180, 435/234, 435/803, 435/814, 435/816

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Specification	Claims	KMPC	Draw Desc	Image
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 24. Document ID: US 5077196 A

L24: Entry 24 of 37

File: USPT

Dec 31, 1991

US-PAT-NO: 5077196

DOCUMENT-IDENTIFIER: US 5077196 A

TITLE: Arabinonucleic acid segment-containing probes for DNA/RNA assays

DATE-ISSUED: December 31, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCormick; Randy M.	Wilmington	DE		

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US-CL-CURRENT: 435/6, 435/5, 436/501, 536/23.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Detailed Abstracts	Claims	KIMC	Draw Desc	Image
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 25. Document ID: US 4970156 A

L24: Entry 25 of 37

File: USPT

Nov 13, 1990

US-PAT-NO: 4970156

DOCUMENT-IDENTIFIER: US 4970156 A

TITLE: Immobilization of active protein by cross-linking to inactive protein

DATE-ISSUED: November 13, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Avrameas; Statis	La Celle Saint Cloud			FR
Broun; Georges	Rouen			FR
Selegny; Eric	Rouen			FR
Thomas; Daniel	Rouen			FR

US-CL-CURRENT: 435/174; 435/176, 435/177, 435/178, 435/179, 435/180, 436/518, 436/519,
436/524, 436/528, 436/529, 436/530, 436/531, 530/810, 530/811, 530/812, 530/814, 530/815

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Detailed Abstracts	Claims	KIMC	Draw Desc	Image
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 26. Document ID: US 4839419 A

L24: Entry 26 of 37

File: USPT

Jun 13, 1989

US-PAT-NO: 4839419

DOCUMENT-IDENTIFIER: US 4839419 A

TITLE: Method for immobilizing dissolved proteins

DATE-ISSUED: June 13, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kraemer; Dieter	Mainz			DE
Plainer; Hermann	Reinheim			DE
Sproessier; Bruno	Rossdorf			DE
Uhlig; Helmut	Rossdorf			DE
Schnee; Reiner	Darmstadt			DE

US-CL-CURRENT: 525/54.1; 210/656, 530/412, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Detailed Abstracts	Claims	KIMC	Draw Desc	Image
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 27. Document ID: US 4760017 A

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L24: Entry 27 of 37

File: USPT

Jul 26, 1988

US-PAT-NO: 4760017

DOCUMENT-IDENTIFIER: US 4760017 A

TITLE: Arabinonucleic acid probes for DNA/RNA assays

DATE-ISSUED: July 26, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCormick; Randy M.	Wilmington	DE		

US-CL-CURRENT: 435/6; 536/24.3, 536/25.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 28. Document ID: US 4563349 A

L24: Entry 28 of 37

File: USPT

Jan 7, 1986

US-PAT-NO: 4563349

DOCUMENT-IDENTIFIER: US 4563349 A

TITLE: Superoxide dismutase, its immobilized form, and their production and use

DATE-ISSUED: January 7, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyata; Kouichi	Hyogo			JP
Maejima; Kazutaka	Hyogo			JP
Tomoda; Katsumi	Hyogo			JP

US-CL-CURRENT: 424/94.4; 435/179, 435/189, 435/880, 435/881[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Abstract](#) | [Detailed Description](#) | [Claims](#) | [KWMC](#) | [Drawn Desc](#) | [Image](#) 29. Document ID: US 4464468 A

L24: Entry 29 of 37

File: USPT

Aug 7, 1984

US-PAT-NO: 4464468

DOCUMENT-IDENTIFIER: US 4464468 A

TITLE: Immobilization of active protein by cross-linking to inactive protein

DATE-ISSUED: August 7, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Avrameas; Stratis	La Celle Saint Cloud			FR
Broun; Georges	Rouen			FR

h e b b g e e e f e g hc ef b e

TITLE: Immunoassay

DATE-ISSUED: March 30, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kato; Kenneth H.	Cottage Grove	MN		

US-CL-CURRENT: 435/7.22; 435/7.95, 435/810, 435/975

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Addendum](#) | [Assignment](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

33. Document ID: US 4271140 A

L24: Entry 33 of 37

File: USPT

Jun 2, 1981

US-PAT-NO: 4271140

DOCUMENT-IDENTIFIER: US 4271140 A

TITLE: Method and composition for double receptor, specific binding assays

DATE-ISSUED: June 2, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bunting; James R.	Washington	DC		

US-CL-CURRENT: 436/500; 436/503, 436/505, 436/531, 436/820

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Addendum](#) | [Assignment](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

34. Document ID: US 4169014 A

L24: Entry 34 of 37

File: USPT

Sep 25, 1979

US-PAT-NO: 4169014

DOCUMENT-IDENTIFIER: US 4169014 A

TITLE: Method of immobilizing proteinaceous substances

DATE-ISSUED: September 25, 1979

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldberg; Bruce S.	Clifton	NJ		

US-CL-CURRENT: 435/182; 435/181, 530/409, 530/816, 530/817

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Addendum](#) | [Assignment](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

35. Document ID: US 4102746 A

L24: Entry 35 of 37

File: USPT

Jul 25, 1978

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US-PAT-NO: 4102746

DOCUMENT-IDENTIFIER: US 4102746 A

** See image for Certificate of Correction **TITLE: Immobilized proteins

DATE-ISSUED: July 25, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldberg; Bruce S.	Clifton	NJ		

US-CL-CURRENT: 435/96; 435/125, 435/176, 435/293.1, 435/299.1, 435/94, 524/21, 524/797,
525/54.1, 527/205, 530/410, 530/811

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draw. Desc	Image
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 36. Document ID: US 3972776 A

L24: Entry 36 of 37

File: USPT

Aug 3, 1976

US-PAT-NO: 3972776

DOCUMENT-IDENTIFIER: US 3972776 A

** See image for Certificate of Correction **

TITLE: Preparation of protein membranes containing microbial cells

DATE-ISSUED: August 3, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vieth; Wolf R.	Belle Mead	NJ		
Wang; Shaw S.	Somerset	NJ		
Saini; Rakesh	New Brunswick	NJ		

US-CL-CURRENT: 435/177; 435/886

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draw. Desc	Image
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 37. Document ID: JP 55000093 A

L24: Entry 37 of 37

File: JPAB

Jan 5, 1980

PUB-NO: JP355000093A

DOCUMENT-IDENTIFIER: JP 55000093 A

TITLE: IMMOBILIZATION OF MICROBIAL CELL IN FIBEROUS FORM

PUBN-DATE: January 5, 1980

INVENTOR-INFORMATION:

NAME	COUNTRY
HINO, TSUNETOSHI	
YAMADA, HIDEAKI	

h e b b g e e e f e g hc ef b e

OKAMURA, SEIZO
KOJIMA, HISAO
OKAMOTO, YASUSHI
ITO, YASUTO

INT-CL (IPC): C12N 11/02

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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37

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